

Title (en)

Molded package for light emitting device and light emitting device using the same

Title (de)

Gegossenes Gehäuse für eine lichtemittierende Vorrichtung und lichtemittierende Vorrichtung damit

Title (fr)

Boîtier moulé pour dispositif électroluminescent et dispositif électroluminescent l'utilisant

Publication

EP 2682993 A3 20160810 (EN)

Application

EP 13174700 A 20130702

Priority

- JP 2012150428 A 20120704
- JP 2013132958 A 20130625

Abstract (en)

[origin: EP2682993A2] A molded package (10), comprising: a molded resin (11) having a recess (12) for accommodating a light emitting element (42); a ceramic substrate (41) disposed in a bottom of the recess (12), the ceramic substrate (41) having one surface exposed from the bottom of the recess and the other surface exposed from a rear surface of the molded resin (11); and a lead (20; 30) disposed at a lower part of the molded resin (11), the light emitting element (42) being mounted on the one surface of the ceramic substrate, the lead (20; 30) being in contact with at least one side surface of the ceramic substrate (42) to hold the ceramic substrate.

IPC 8 full level

H01L 33/62 (2010.01); **H01L 33/64** (2010.01); **H01L 25/075** (2006.01); **H01L 33/48** (2010.01); **H01L 33/50** (2010.01)

CPC (source: CN EP US)

H01L 21/565 (2013.01 - US); **H01L 33/54** (2013.01 - US); **H01L 33/62** (2013.01 - CN EP US); **H01L 33/641** (2013.01 - CN EP US); **H01L 25/0753** (2013.01 - EP US); **H01L 33/486** (2013.01 - CN EP US); **H01L 33/502** (2013.01 - EP US); **H01L 2224/16225** (2013.01 - CN EP US); **H01L 2924/19105** (2013.01 - CN EP US); **H01L 2924/19107** (2013.01 - CN EP US)

Citation (search report)

- [X] KR 20080079745 A 20080902 - OPTO FEEL CO LTD [KR]
- [X] US 2007064131 A1 20070322 - SAWANOBORI NARUHITO [JP], et al
- [A] US 2005269591 A1 20051208 - HSIN CHEN CHEN-LUN [TW], et al
- [A] JP 2007116078 A 20070510 - HARISON TOSHIBA LIGHTING CORP

Cited by

WO2015135248A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2682993 A2 20140108; **EP 2682993 A3 20160810**; **EP 2682993 B1 20190918**; CN 103531695 A 20140122; CN 103531695 B 20180724; JP 2014029996 A 20140213; JP 6205894 B2 20171004; US 2014008692 A1 20140109; US 9455383 B2 20160927

DOCDB simple family (application)

EP 13174700 A 20130702; CN 201310276122 A 20130703; JP 2013132958 A 20130625; US 201313932096 A 20130701